

Approved for entry
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HN

Amendments to the Claims

Please amend the claims as shown below. Claims 27-34 have been canceled.

What is claimed is:

1. (Thrice amended) An exposure device comprising:
 - a source of radiation that generates an energy beam;
 - a shutter that includes (i) a frame defining an aperture toward which the energy beam is directed and (ii) a plurality of blades that are secured to the frame;
 - pivot means for pivoting the frame such that the plurality of blades rotates about an axis that is normal to the substantially planar surfaces of the plurality of blades; and
 - drive means for moving the frame in a controlled manner, (i) from an open position that allows the energy beam to travel through the aperture to a closed position that intercepts the energy beam and (ii) from the closed position to the open position.
2. (Original) The exposure device of claim 1 wherein each blade has a substantially planar surface and the plurality of blades are secured to the frame such that the planar surfaces of the plurality of blades are substantially parallel to each other.
3. (Once amended) The exposure device of claim 1 wherein the means for rotating the frame of the shutter comprise a solenoid that is encased in a vacuum compatible housing that entraps contaminants from the solenoid.